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VALIDATING THE NAME OF A MEXICAN *AGERATINA* (ASTERACEAE)

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ABSTRACT

Kyrstenia calophylla Greene, closely allied to *Ageratina calaminthifolia*, has been previously transferred to *Eupatorium* but was invalidly combined under *Ageratina*. The name is validated here as **Ageratina calophylla** (Greene) R.M. King & H. Rob. ex Molinari & Mayta, **comb. nov.**

While making a bibliographic review of the Eupatorieae, the first author found an invalid combination for *Ageratina* that, despite its acceptance, has never been corrected. The error also has been pointed out in Tropicos (2015).

Greene (1903) described *Kyrstenia calophylla* on the basis of a collection by Edward Palmer in northern Mexico. He stated that the new species had been misidentified by the collector and distributed as *Eupatorium calaminthifolium* Kunth. Robinson (1925) transferred *K. calophylla* to *Eupatorium* and again emphasized the distinctiveness of the species when compared to *E. calaminthifolium*.

King and Robinson (1970) transferred *Kyrstenia calophylla* to *Ageratina*, but this combination was invalid according to Article 41.8a of the ICN (McNeill et al. 2012), since they cited "*Eupatorium calophyllum* B.L. Robinson" as the basionym instead of Greene's original species. The name in *Ageratina* is validated here.

Ageratina calophylla (Greene) R.M. King & H. Rob. ex Molinari & Mayta, **comb. nov.** *Kyrstenia calophylla* Greene, Leafl. Bot. Observ. Crit. 1: 11. 1903. *Eupatorium calophyllum* (Greene) B.L. Rob., Contr. Gray Herb. 75: 5. 1925. **TYPE: MEXICO. Coahuila.** Saltillo, 1898, *E. Palmer 318* (holotype: US digital image!; isotype: MO digital image!).

This species, as "*Ageratina calophylla* King & Rob.," has been included in phytochemical research (Fang et al. 1986), taxonomic treatments (Turner 1997), and floristic checklists (Villaseñor & Ortiz 2012).

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